



Water-Data Report 2012

373635103542901 EAST BEAR SPRINGS ARROYO AT BOUNDARY AT PINON CANYON MANEUVER SITE, CO

Upper Arkansas Basin
Upper Arkansas-Lake Meredith Subbasin

LOCATION.--Lat 37°36'35.3", long 103°54'29.2" referenced to North American Datum of 1983, in SE ¼ NW ¼ sec.16, T.28 S., R.58 W., Las Animas County, CO, Hydrologic Unit 11020005, on Pinon Canyon Maneuver Site on left bank, 0.3 mi upstream from boundary, 6.4 mi east of Delhi, and 11.6 mi northeast of Thatcher.

DRAINAGE AREA.--0.69 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 2006 to September 2011, discontinued (annual maximum only).

GAGE.--Crest-stage gage. Elevation of gage is 5,220 ft above NAVD of 1988, from Global Positioning System technology.

REMARKS.--Natural flow of stream may be affected by erosion-control and livestock-watering reservoirs.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 43 ft³/s, Sept. 14, 2011, gage height, 5.40 ft, from step-backwater hydraulic analysis; no flow most days most years.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2006	0.0	---	---	---

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2007	0.0	---	---	---

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2008	0.0	---	---	---

373635103542901 EAST BEAR SPRINGS ARROYO AT BOUNDARY AT PINON CANYON MANEUVER SITE, CO—Continued

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2009	0.0	---	---	---

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
2010	0.0	---	---	---

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Sep 14, 2011	^a 43	---	5.40	---

^a From step-backwater hydraulic analysis.